

Igor Ferst

SOFTWARE ENGINEERING · DATA SCIENCE

🏠 Stockholm, Sweden | ✉️ igor@fer.st | 🌐 igor.fer.st | 🌀 igorferst | 🌐 igorferst

Summary

I am a business-focused technical leader specialising in building software that helps people extract insights from complex data.

I have deep experience working at early and growth stage software companies, including founding and exiting a startup that built a data analytics platform for vehicle telematics data (now part of Bridgestone Mobility Solutions).

I have a diverse skill set spanning software engineering, product management, data science, and technical leadership. I thrive in roles that combine leadership, product thinking, and hands-on technical work.

Work Experience

Bridgestone Mobility Solutions

Stockholm, Sweden

SR. DIRECTOR OF ENGINEERING

Feb. 2021 - present

- Mobikit's product was rebranded as SafetyIQ, a fleet risk management product for insurance carriers and fleet owners. I continue to lead product development.
- Manage globally distributed team of developers: hiring, onboarding, coaching, optimizing processes.
- Work with product team and customers to turn feedback and insights into executable technical designs.
- Own and execute high-value customer implementations.
- Review code and drive architectural discussions.

Mobikit

Columbus (OH), USA

CO-FOUNDER AND CTO

Jan. 2019 - Feb. 2021

- Technical co-founder of a startup building a data analytics platform for vehicle telematics data.
- Raised funding, guided company to product-market fit, and exited successfully.
- Architected and led development of data pipeline to ingest and harmonize vehicle data from heterogenous sources.
- Shipped code across the entire stack, from data pipeline to UI.
- Grew globally distributed team of developers.

Root Insurance

Columbus (OH), USA

SENIOR SOFTWARE ENGINEER

Sept. 2018 - Jan. 2019

- Worked at a growth-stage insurtech unicorn on using machine learning to improve insurance rate accuracy.
- Implemented support for new rating methodologies and enhancements to the end-user mobile app.
- Python SME for engineering and actuarial teams.

Enlace Health

Columbus (OH), USA

LEAD SOFTWARE ENGINEER

Sept. 2014 - Feb. 2018

- Led the cross-functional team building a care management and revenue cycle management product for surgical centers.
- Owned product design and technical architecture, maintained product roadmap, implemented features.
- Overhauled hiring process and personally onboarded most of company's new engineers.
- Introduced and trained engineering team on new technologies (Docker, Angular), development processes (TDD, code reviews) and agile methodology (user stories, estimation).

InSample

San Francisco (CA), USA

SOFTWARE ENGINEER

Mar. 2014 - Sept. 2014

- First employee at healthcare analytics startup building a cloud-based tool for statistical de-biasing of clinical experiments.
- Designed and built the product prototype together with the CTO.
- Prepared fundraising materials and interviewed prospective customers.

Google

SOFTWARE ENGINEER

Mountain View (CA), USA

Feb. 2013 - Mar. 2014

- Part of conversion tracking team building the tools that Google's customers use to understand the effectiveness of their ad spend.
- Implemented a novel conversion tracking visualization for the AdWords suite of analytics tools.
- Acted as Angular SME during team's transition from legacy front-end framework to Angular.
- Developed enhancements to Google Analytics machine-learning algorithm for attribution modeling.

Palantir Technologies

FORWARD DEPLOYED ENGINEER

Palo Alto (CA), USA

Jan. 2011 - Jan. 2013

- Embedded with a prominent global macro hedge fund, the largest customer for Palantir's capital markets analytics platform.
- Product owner and developer for platform's visualization and reporting features.
- Trained users and gathered product requirements.

Skills

General

Software engineering, product management, data science, technical leadership

Languages

Python, Javascript, SQL

Frameworks

Django, React

Infrastructure

AWS, Docker, PostgreSQL, Github

Technical Expertise

Statistics, optimization, machine learning, data modeling, graph algorithms, quantum computing

Education

Cornell University

M.S. IN COMPUTER SCIENCE

Ithaca (NY), USA

- PhD candidate in Applied Mathematics supported by a US National Science Foundation Graduate Research Fellowship.
- Published original research in algorithms and optimization: <https://tinyurl.com/ycheu4us>

University of Waterloo

M.MATH. IN COMBINATORICS & OPTIMIZATION

Waterloo (Ontario), Canada

University of Chicago

B.S. IN MATHEMATICS WITH HONORS

Chicago (IL), USA

Volunteering

Odesa Peace Fund

- General IT support.

Stockholm, Sweden

Tech Elevator

- Panelist and student mentor for the Columbus chapter of a software development bootcamp.

Columbus (OH), USA

United Schools Network

- Designed and taught a three month after-school programming course for middle-school students.
- Developed spreadsheet-based operational tools for school administrators.

Columbus (OH), USA

Columbus Arts Festival

- Member of organizing committee for 2016 and 2017 festivals.
- Built mobile-friendly web-based interactive festival map.

Columbus (OH), USA